



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: John R. Hugens, Jr., et al.

Application No.: 10/766,163

Art Unit: Unknown

Filed: January 28, 2004

Examiner: Unknown

For: VERTICAL SHAFT MELTING FURNACE

Atty Docket No.: 504835-041099

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

This Statement is submitted in compliance with 37 C.F.R. § 1.56.

A list of patent(s) and/or publication(s) is set forth on the attached Form PTO-1449. Copies of the listed items are enclosed, if appropriate.

No fee is believed to be due for entry of this Information Disclosure Statement. However, if any fee should be required, please charge such fee to Jones Day's Deposit Account No. 501432, Reference No. 504835-041099.

Respectfully submitted,

Date 5/6/04

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Enclosures

I hereby certify that this correspondence is being deposited today with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

on May 6, 2004

By: Stephen D. Scanlon



PTO/SB/08A (08-03)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/766,163
Filing Date	January 28, 2004
First Named Inventor	John R. Hugens, Jr.
Art Unit	Not Yet Assigned
Examiner Name	Not Yet Assigned
Attorney Docket Number	504835-041099

Sheet 1 of 2

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 4,129,742	12-12-1978	Ward	
		US- 4,211,555	07-08-1980	Berry et al.	
		US- 4,243,209	01-06-1981	Pariani et al.	
		US- 4,301,997	11-24-1981	Berry et al.	
		US- 4,309,170	01-05-1982	Ward	
		US- 4,311,519	01-19-1982	Berry	
		US- 4,315,775	02-16-1982	Odle et al.	
		US- 4,402,740	09-06-1983	Arp et al.	
		US- 4,452,585	06-05-1984	Arp	
		US- 4,536,152	08-20-1985	Little, Jr., et al.	
		US- 4,664,702	05-12-1987	Barnes et al.	
		US- 4,844,426	07-04-1989	Barnes et al.	
		US- 4,959,102	09-25-1990	Clarkson et al.	
		US- 5,196,155	03-23-1993	Askin et al.	
		US- 5,209,893	05-11-1993	Askin et al.	
		US- 5,397,109	03-14-1995	Wilson et al.	
		US- 5,411,393	05-02-1995	Askin et al.	
		US- 5,518,524	05-21-1996	Wilson et al.	
		US- 6,113,386	09-05-2000	Shannon et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

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SignatureDate
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Sheet	2	of	2
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U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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Examiner Signature		Date Considered	
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